

SECTION 9**RIGGING**

ITEM	PAGE
9.1 REFERENCES	1
9.2 INTRODUCTION	1
9.3 MOORING LINES.....	1
9.4 HEAVING LINES.....	1
9.5 RIGGING.....	2
9.6 SPARE PARTS AND INSTRUCTION MANUALS	2
9.7 TESTS, TRIALS, AND INSPECTIONS.....	2
9.8 PHASE II TECHNICAL PROPOSAL REQUIREMENTS	2
9.9 PHASE III DETAIL DESIGN AND CONSTRUCTION REQUIREMENTS	3

9.1 REFERENCES

(Not Used)

9.2 INTRODUCTION

This Section contains the Contractor Design and Provide general requirements for rigging throughout the Vessel.

For WSF Fleet-wide Standardization purposes, End No. 1 of the Vessel shall always be considered the bow, and this designation shall delineate port and starboard, fore and aft wherever they are addressed in the Technical Specification.

9.3 MOORING LINES

WSF will furnish as Owner Furnished Equipment (OFE) all mooring lines for the completed Vessel after completion of Sea Trials.

9.4 HEAVING LINES

WSF will furnish as Owner Furnished Equipment (OFE) all heaving lines for the completed Vessel after completion of Sea Trials.

9.5 RIGGING

The Contractor shall design and provide all rigging on each mast as specified herein. Provide all fittings for rigging the American flag, Signal flags, not-under-command lights, signals and antennas. All rigging fittings shall be stainless steel, unless otherwise specified in the Technical Specification, and be of a commercial marine quality.

Halyards shall be ½ inch braided nylon or Dacron with bronze snap hooks at each end. Fittings shall be sized for the halyards. Blocks shall be Type 316 stainless steel shell type with self-lubricated bushed sheaves. Cleats shall be galvanized steel and welded to the mast at locations approved by the WSF Representative. Other required fittings shall be bronze such as rings to join snap hooks when halyards are not in use, and shackles, swivels, or hooks for block attachment to pad eyes.

Safety lines and fittings shall be specified in accordance with Section 5 Of the Technical Specification.

The OFE Signal Flags will be as set forth in Section 15 of the Technical Specification.

Navigation (not-under-command) lights are specified in Section 92 of the Technical Specification.

9.6 SPARE PARTS AND INSTRUCTION MANUALS

Provide a list of recommended spare parts and special tools, for those items which are Contractor furnished, together with parts lists and instruction manuals necessary to maintain and service provided equipment and accessories in accordance with the requirements of Sections 86 and 100 of the Technical Specification.

9.7 TESTS, TRIALS, AND INSPECTIONS

Tests and/or Trials shall be in accordance with Section 101 of the Technical Specification.

Inspections shall be performed as defined in this Section and in Sections 1 and 2 of the Technical Specification.

9.8 PHASE II TECHNICAL PROPOSAL REQUIREMENTS

The following drawing, in addition to other deliverables required by Section 100 of the Technical Specification and the Authoritative Agencies, shall be provided during the Phase II Technical Proposal stage of Work in accordance with the requirements of Section 100 of the Technical Specification:

A. Preliminary Rigging Layouts Study

1 **9.9 PHASE III DETAIL DESIGN AND CONSTRUCTION REQUIREMENTS**

- 2 The deliverables required by Section 100 of the Technical Specification and the
3 Authoritative Agencies, shall be provided during the Phase III Detail Design stage of Work
4 in accordance with the requirements of Section 100 of the Technical Specification.

(END OF SECTION)